



400 Seventh Street, S.W.
Washington, D.C. 20590

U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 1999 Dodge
 Type: Ram 1500 Quad Cab, 4x2 pickup
 Driver: 33-year-old male
 CDC: 71-FLEW-4

SITUATION

(Slides 1, 2) On a cloudy night, case vehicle (A) was traveling east at an unknown speed on a gravel road in a rural area. The road surface was dry, it was dark, and the speed limit was 55 mph (89 kph). The driver had been drinking alcoholic beverages, and lost control of the vehicle on the gravel road. (Slides 3, 4, 5, 6, 7 and 8) The vehicle exited the south edge of the road and struck a 50-cm diameter tree with its left-front corner. After the impact, the vehicle rotated counterclockwise and came to rest on the road facing southwest. The unbelted driver was completely ejected out the driver-side window frame of the vehicle and was found lying on the ground. He was transported to the hospital by ambulance and the vehicle was towed from the scene due to damage. The driver's blood alcohol content was .22 percent.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slides 9, 10) The direct damage to the front of case vehicle (A) began at the left-front bumper corner and extended 54 cm across the front, resulting in 30-percent vehicle overlap. The maximum crush was 78 cm to the left-front bumper corner.

Using the WinSMASH accident-reconstruction program and c-values measured for (slides 11, 12, 13, 14, 15 and 16) case vehicle (A), the impact severity was calculated for the frontal impact.

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	52 (32)	-49 (-30)	18 (11)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slides 17, 18 and 19) The front bumper and grille were severely damaged, both headlights were broken, and the front end was shifted to the right. (Slides 20, 21) The hood was severely crushed

and pushed rearward, the damaged hood latch was jammed, and both hood hinges were damaged, but not separated. The rear edge of the hood was elevated, but it did not contact the windshield. (Slide 22) The entire windshield was cracked.

(Slide 23) On the left side, the fender was crushed and shifted to the right, and the left upper and lower A-pillars were deformed. (Slide 24) The left-front wheel was damaged and the left wheelbase was decreased by 4 cm. (Slides 25, 26 and 27) Also, both left-side doors were damaged and jammed closed, the driver door window glass was broken, and the upper half of the door window frame was severely bent outward and down from driver loading during ejection.

(Slide 28) There was no damage to the left side of the truck bed. (Slide 29) There was no damage to the rear of case vehicle (A).

(Slide 30) On the right side, the fender was deformed and shifted to the right, and the right-front wheel was damaged. (Slides 31, 32 and 33) There was no other damage to the right side and no change in the right wheelbase.

Interior

(Slide 34) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags, which deployed during this frontal impact. (Slides 35, 36) There was no damage to the airbags, and no visible contact marks on the airbag skins. (Slides 37, 38 and 39) The bottom half of the steering-wheel rim was bent and the shear capsules were completely separated, allowing the steering column to rotate down and to the left. (Slides 40, 41) The upper and mid portions of the instrument panel, and the knee bolster were damaged. (Slide 42) The driver door interior, and door window frame were damaged and severely bowed outward from driver contact. (Slides 43, 44) Also, the driver door hardware and door armrest were deformed, and the door window glass was broken. (Slide 45) There was no visible damage to the roof headlining, although there was a possible scuff mark just above the A-pillar. (Slide 46) There was damage to the vertical console area and the control knobs on the instrument panel. (Slides 47, 48, 49 and 50) There was no damage to the glove box area and no deformation to, or contacts on, the roof area or the left or right A-pillars. Both front seatbacks were rotated forward and the driver seat adjuster was jammed. (Slide 51) There was no damage to the rear-seat area. (Slides 52, 53) The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
driver	toepan	25	to rear
	floor	10	up
right-front	toepan	34	to rear

OCCUPANT KINEMATICS AND INJURIES

(Slide 54) The 33-year-old, 6-ft, 1-in, 265-lb male driver was *not* wearing the available three-point belt, and the airbag deployed. (Slide 55) The three-point belt was retracted into the driver seatback the pretensioner was locked, and there were no visible markings on the belt webbing, D-ring, or latch assembly.

(Slides 56, 57) During the frontal impact, the driver moved forward relative to the vehicle interior, into the airbag and possibly into the steering wheel. (Slides 58, 59) As the vehicle rotated counterclockwise, the unbelted driver moved to the left relative to the vehicle interior, as evidenced by damage to the driver door interior and door window frame, and the fact that the window frame and door were bowed outward. The driver was completely ejected from an opening between the window frame and roof of the vehicle, and landed on the ground at an unknown distance from the vehicle.

The driver sustained a subarachnoid hemorrhage to the left frontal portion of his skull and had a Glasgow Coma Score of 3 upon arrival at the hospital. He also sustained a contusion to his left scalp and a 4.5-cm laceration to his left eyelid and eye. He sustained a contusion to his right shoulder. (Slides 60, 61, and 62) All of these injuries are due to contact with the driver door interior or door window frame during ejection, from contact with the ground, or possibly from contact with the roof and roof siderail.

The following table and attached drawing (slide 63) summarize the injuries for the unbelted driver.

Occupant: Driver
Restraints: 3-point belt not worn; airbag deployed

Age: 33 years
Stature: 185 cm (6 ft, 1 in)

Gender: Male
Mass: 120 kg (265 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Subarachnoid hemorrhage, left frontal skull (GCS = 3)	3			Ground (ejection), door/window frame, roof siderail
Contusion, left scalp	1			Ground (ejection), door/window frame, roof siderail
4.5-cm laceration, left eyelid and eye	1			Ground (ejection), door/window frame, roof siderail
Contusion, right shoulder	1			Ground (ejection), door/window frame, roof siderail
<u>Maximum A.I.S. Level</u>	<u>3</u>			
<u>Injury Severity Score</u>	<u>10</u>			
Blood alcohol content is .22 percent				
Driver was completely ejected from vehicle				

TIME		ENVIRONMENTAL CONDITIONS	
DATE OF COLLISION		CONSTRUCTION ZONE	
<hr style="border-top: none; border-bottom: 1px solid black; margin-bottom: 5px;"/> m m / d d / y y y y <hr style="border-top: none; border-bottom: 1px solid black; margin-top: 5px;"/> HOUR OF COLLISION (24 HOUR CLOCK) 21 — 24		0 (0) NO (1) YES (9) UNKNOWN	
LOCATION		ROAD ALIGNMENT VERTICAL PLANE	
STATE: _____		1 (1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN	
STATE FIPS CODE		ROAD ALIGNMENT HORIZONTAL PLANE	
AREA		2 (1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN	
ENVIRONMENTAL CONDITIONS		SURFACE COVERING	
LIMITED-ACCESS HIGHWAY		10 (10) DRY (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN	
(0) NO (1) YES (9) UNKNOWN		36 37 (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN	
ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE)		2 (41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN	
(1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVeway (7) OTHER: _____ (9) UNKNOWN		29 (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN	
INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR		VISIBILITY LIMITATION (FOR CASE VEHICLE)	
(8) NOT APPLICABLE		8 (0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN	
TYPE OF ROAD SURFACE		VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)	
(1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN		3 (0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	
ROAD DEFECTS		0 (0) NO (1) YES (9) UNKNOWN	
		31 (0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	
		32 (0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

(0) 5-45 km/h 5-25 mph
 (1) 46-55 30
 (2) 56-60 35
 (3) 61-70 40
 (4) 71-79 45
 (5) 80-85 50
 (6) 86-90 55
 (7) 91-105 60
 (8) OVER 105 65
 (9) UNKNOWN

PRECIPITATION

(0) NONE
(1) RAIN
(2) SNOW
(3) HAIL
(4) FREEZING RAIN/SLEET
(7) OTHER: _____
(9) UNKNOWN

RATE OF PRECIPITATION

- (1) LIGHT/MIST
- (2) MODERATE
- (3) HEAVY
- (8) NOT APPLICABLE
- (9) UNKNOWN

TEMPERATURE

(0) BELOW -15° C BELOW 5° F
 (1) -15 TO -6 5 TO 22
 (2) -5 TO -1 23 TO 31
 (3) 0 TO 2 32 TO 36
 (4) 3 TO 5 37 TO 41
 (5) 6 TO 15 42 TO 59
 (6) 16 TO 25 60 TO 77
 (7) 26 TO 35 78 TO 95
 (8) OVER 35 OVER 96
 (9) UNKNOWN

CROSSWIND

- (0) NONE
- (1) LIGHT
- (2) STRONG
- (3) GUSTY & STRONG
- (9) UNKNOWN

LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

6
—
40

MECHANICAL MALFUNCTION

**WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE**

- (0) NO
- (1) YES
- (2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
- (9) UNKNOWN

41

THE FOLLOWING SECTION SHOULD BE FILLED OUT IF A MECHANICAL MALFUNCTION IS RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY ITEMS CIRCLED WITH COMMENTS.

BRAKE SYSTEM	DRIVER CONTROLS
EXHAUST SYSTEM	POWER TRAIN
STEERING SYSTEM	FUEL SYSTEM
SUSPENSION SYSTEM	VISIBILITY ITEMS
ELECTRICAL SYSTEM	TIRES
THROTTLE CONTROLS	UNKNOWN

OTHER:

COMMENTS:

Digitized by srujanika@gmail.com

9

5
45

GENERAL INFORMATION GI-3

CRASH DETAILS		HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)	
CASE VEHICLE AND OBJECT (0) NO (1) YES (9) UNKNOWN		1 47	(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN
CASE VEHICLE ROLLOVER (0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN		0 48	3 55
CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT) (0) NO (1) YES (9) UNKNOWN		1 49	DRIVER IMPAIRMENT
MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE (0) NO (1) YES (9) UNKNOWN		0 50	DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE) (0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/ NO DRIVER
CASE VEHICLE AND CONTACTED STOPPED VEHICLE (0) NO (1) YES (9) UNKNOWN		0 51	DRIVER ALCOHOL BAC (CASE VEHICLE) (80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN
STOPPED CASE VEHICLE AND CONTACTED VEHICLE (0) NO (1) YES (9) UNKNOWN		0 52	WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE? (0) NO (1) YES (9) UNKNOWN
TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH (8) 8 OR MORE (9) UNKNOWN		0 53	LIST IMPAIRMENTS MENTIONED: _____ _____ _____
ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE) (0) NO (1) YES (9) UNKNOWN		0 54	POST - CRASH DETAIL MANNER CASE VEHICLE LEFT SCENE (1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS TRAVELING EAST AT AN UNKNOWN SPEED ON A GRAVEL ROAD. THE DRIVER LOST CONTROL OF THE VEHICLE, EXITED THE SOUTH EDGE OF THE ROAD, AND STRUCK A 50-CM DIAMETER TREE LOCATED 2-M SOUTH OF THE ROAD EDGE. AFTER THE IMPACT, CASE VEHICLE (A) ROTATED COUNTERCLOCKWISE AND THE DRIVER WAS COMPLETELY EJECTED FROM THE VEHICLE.

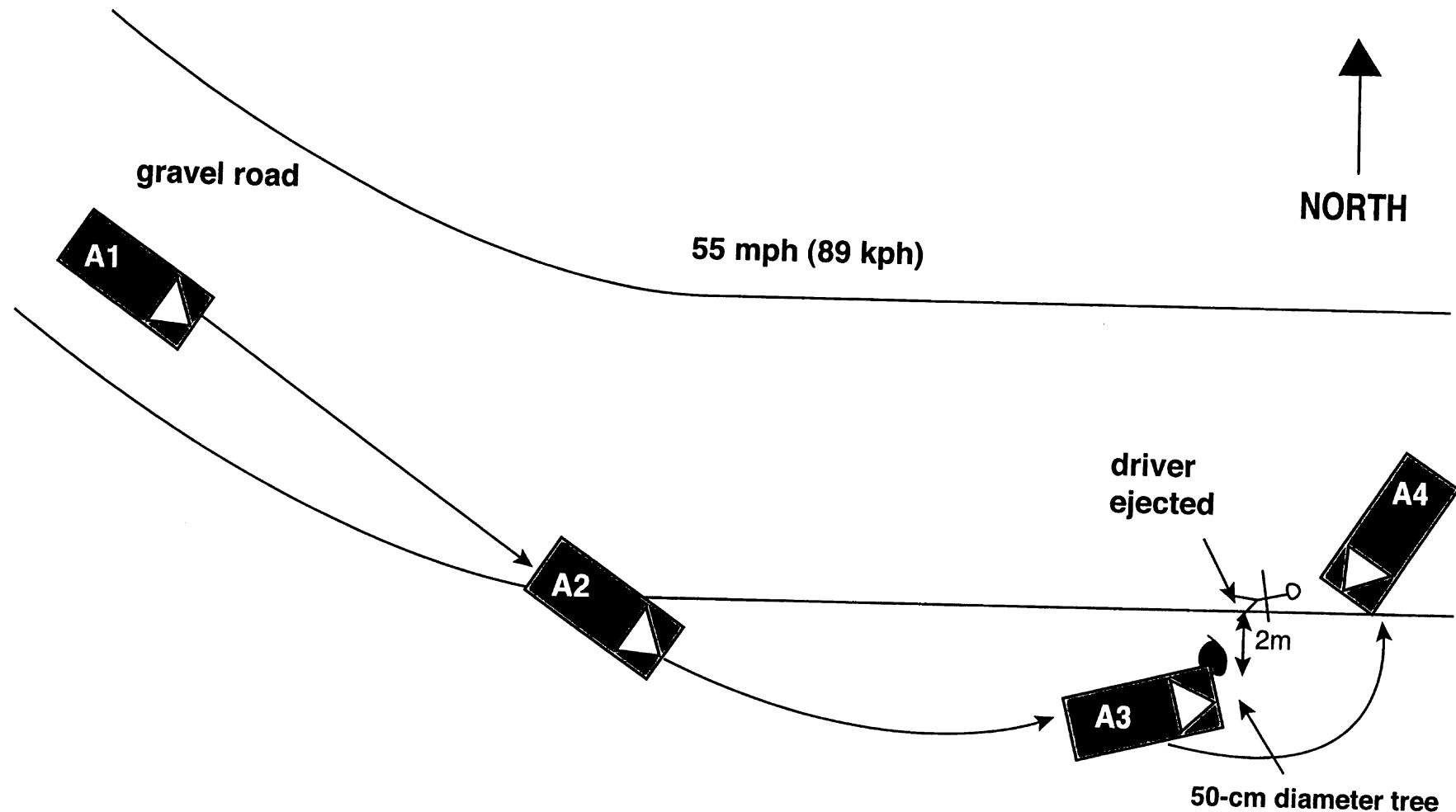
CASE VEHICLE (A): 1999 DODGE Ram P/U

OTHER VEHICLE (B):

THIRD VEHICLE (C):



NORTH



Duplicate columns 1-8
from the previous card.

Module O
9 V
10 Format 0
11 4
12

OTHER VEHICLE OV-1

MAKE: _____

CARGO: _____

MODEL: _____

VIN

13

29

MANUF/BODY CODE

NOT APPLICABLE

30

34

MAKE/MODEL CODE

38

56

57

MODEL YEAR

39

42

VEHICLE MASS (kg)

43

48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER

NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN)

51

TRAVELING SPEED (km/h)

54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
- (9) UNKNOWN

55

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107'.
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107'.
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm)

(999) UNKNOWN

58 59 60

Duplicate columns 1-8
from the previous card.

Module O
9 V
10 Format 0
11 2
12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	_____ cm	Front Overhang	_____ cm
			22 24
Curb Weight	_____ kg	Rear Overhang	_____ cm
			25 27
Average Track Width	_____ cm	Undeformed End Width (UEW)	_____ cm
	13 15		28 30
Overall Length	_____ cm	Engine Displacement	_____ L
	16 18		.31 .32
Overall Width (OAW)	_____ cm	Engine: # of Cylinders	_____
	19 21		33 34

VEHICLE DAMAGE

NOT APPLICABLE

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) _____ cm

35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ _____ %

38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2(OAW - UEW)}{OAW}$ _____ %

40 41

Duplicate columns 1-8
from the previous card.

Module V 9 D 10 Format 0 11 4 12

VEHICLE DESCRIPTION VD-1

MAKE: DODGE
MODEL: RAM 1500 QUAD CAB 2WD

CARGO: UNKNOWN

VIN 1B7H C 13ZXXJ 29
13

MANUF/BODY CODE 13212 30 34

MAKE/MODEL CODE 3235 38

MODEL YEAR 1999 39 42

VEHICLE MASS (kg) 002158 43 48

ODOMETER (km)
(ENTER 9'S IF UNKNOWN)
(ENTER 8'S IF ELECTRONIC) 888888 49 54

NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN) 01 56

TRAVELING SPEED (km/h) 999 59

(000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

(11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
(12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
(13) 4-DOOR HARDTOP
(14) 4-DOOR SEDAN
(15) STATION WAGON
(16) CONVERTIBLE
(18) OTHER PASS. VEH.: _____
(19) PASSENGER VEHICLE, TYPE UNKNOWN

33

60 61

MULTIPURPOSE PASSENGER VEHICLE

(21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(23) VAN, SIZE UNKNOWN
(24) VAN, SMALL (MINI)
(25) VAN, LARGE
(29) MPV, TYPE UNKNOWN
(30) MOTOR HOME

TRUCK

(31) PICKUP TRUCK, UNKNOWN
(32) PICKUP TRUCK, SMALL (DOWNSIZED)
(33) PICKUP TRUCK, LARGE
(99) UNKNOWN

STOLEN VEHICLE

(0) NO
(1) YES
(8) NOT COLLECTED
(9) UNKNOWN

8
62

BODY STRUCTURE

(1) BODY & FRAME
(2) UNITIZED
(3) INTEGRAL-STUB FRAME
(4) BODY & PLATFORM FRAME
(E.G. VW BUG)
(5) PARTIALLY UNITIZED
(7) OTHER: _____
(9) UNKNOWN

1
63

TRANSMISSION

(0) NONE
(1) AUTOMATIC
(2) MANUAL
(9) UNKNOWN

1
64

LOCATION OF TRANSMISSION
SELECTOR LEVER

(1) FLOOR
(2) CONSOLE
(3) COLUMN
(7) OTHER: _____
(9) UNKNOWN

3
65

STEERING

(1) POWER
(2) MANUAL
(9) UNKNOWN

1
66

BRAKES

(1) POWER
(2) MANUAL
(9) UNKNOWN

1
67

VEHICLE DESCRIPTION VD-2

TYPE OF BRAKES (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	<u>2</u> 68	WHEELBASE (cm) (999) Unknown	<u>353</u> 76 77 78
BRAKE ANTI-LOCK DEVICE (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN	<u>2</u> 69	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED (0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN	<u>0</u> 79
AIR CONDITIONING IN VEHICLE (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	<u>8</u> 70		
TYPE OF DRIVE (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN	<u>1</u> 71		
DUAL REAR WHEELS (0) NO (1) YES (9) UNKNOWN	<u>0</u> 72		
ORIGINAL TYPE OF RESTRAINT SYSTEM (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>3</u> 73	<p>FIELD INVESTIGATOR INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. INDICATE CRUSHED AREAS BY <u>OUTLINING NEW PERIMETER OF VEHICLE</u> AND <u>SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3</u>. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. 2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. 3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. 4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. <p>EXAMPLES:</p>	
EQUIPPED WITH ROLL BAR (0) NO (1) YES (9) UNKNOWN	<u>0</u> 74		
TYPE OF ROOF (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN	<u>1</u> 75		

Duplicate columns 1-8
from the previous card.

Module V
9 D Format 0
 10 11 12

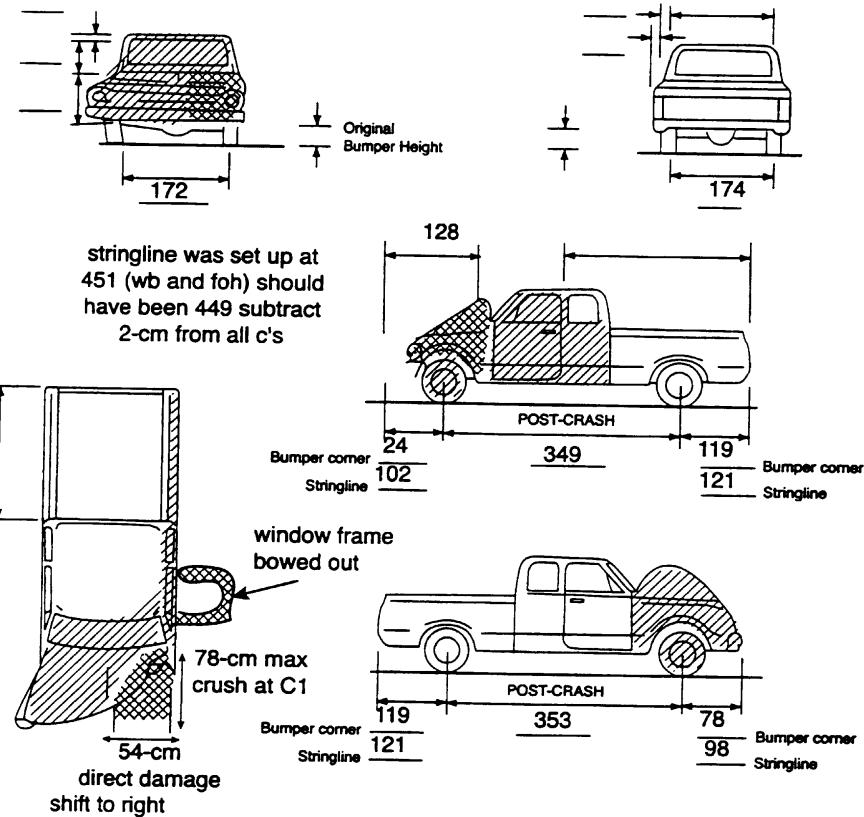
VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>353</u> cm	Front Overhang	<u>0 96</u> cm
Curb Weight	<u>2158</u> kg	Rear Overhang	<u>121</u> cm
Average Track Width	<u>170</u> cm	Undeformed End Width (UEW)	<u>188</u> cm
Overall Length	<u>570</u> cm	Engine Displacement	<u>5.9</u> L
Overall Width (OAW)	<u>201</u> cm	Engine: # of Cylinders	<u>08</u> MAGNUM

$$A = 128 \div 6 = 21.3 \text{ ext } 1 \\ 42.6 \quad 2 \\ 63.9 \quad 3 \\ 85.5 \quad 4$$

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 0 54 cm

35 37

Front-End Overlap (Percent) = $\frac{\text{DDL}}{\text{UEW}}$ 54 188 29 %

38 39

Vehicle Overlap (Percent) = $\frac{\text{DDL} + 1/2(\text{OAW} - \text{UEW})}{\text{OAW}}$ 54 + 1/2(201 - 188) 30 %

40 41

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 2
12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
	EVENT NUMBER	1 999 14 15 16	Tree 998 35 36 37
	IMPACT SPEED (km/h)	11 o'clock 178 18 19 20	1 998 38 40 41
	ESTIMATED BY	-30	
	CRUSH (cm)	078 18 19 20	
	CDC #1	71.FLEWY 21 27	98.0000.0 42 48
CDC #2	98.0000.0 28 34	98.0000.0 49 55	

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 3
12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
	EVENT NUMBER	13	
	IMPACT SPEED (km/h)	14 15 16	35 36 37
	ESTIMATED BY	17	38
	CRUSH (cm)	18 19 20	39 40 41
	CDC #1	21 - - - - - 27	42 - - - - - 48
CDC #2	28 - - - - - 34	49 - - - - - 55	

CODES

EVENT NUMBER	IMPACT SPEED ESTIMATOR	CRUSH
(8) NOT APPLICABLE	(1) INVESTIGATOR	(998) NOT APPLICABLE (NO VEHICLE/DAMAGE)
(9) UNKNOWN	(2) DRIVER	(999) UNKNOWN
IMPACT SPEED	(3) POLICE	CDC
(998) NOT APPLICABLE	(4) "CRASH" PROGRAM	(9800000) NOT APPLICABLE
(999) UNKNOWN	(5) OTHER COMPUTER PROGRAM SPECIFY: _____	(9900000) UNKNOWN
	(7) OTHER: _____	
	(8) NOT APPLICABLE (NO VEHICLE/NO IMPACT)	

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 1
12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 078
13 15

RIGHT SIDE 000
16 18

REAR 000
19 21

LEFT SIDE 000
22 24

ROOF 000
25 27

OTHER 000
28 30

CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER? 1

(0) NO
(1) YES

31

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>3</u> <u>32</u>	<u>17</u> <u>34</u>	<u>77</u> <u>36</u>
#2	<u>—</u> <u>37</u>	<u>—</u> <u>39</u>	<u>—</u> <u>41</u>
#3	<u>—</u> <u>42</u>	<u>—</u> <u>44</u>	<u>—</u> <u>46</u>
#4	<u>—</u> <u>47</u>	<u>—</u> <u>49</u>	<u>—</u> <u>51</u>
#5	<u>—</u> <u>52</u>	<u>—</u> <u>54</u>	<u>—</u> <u>56</u>
#6	<u>—</u> <u>57</u>	<u>—</u> <u>59</u>	<u>—</u> <u>61</u>
#7	<u>—</u> <u>62</u>	<u>—</u> <u>64</u>	<u>—</u> <u>66</u>

**CODES FOR
IMPACT CONFIGURATION****FRONT OF CASE VEHICLE**

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPE BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPE BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPE BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPE BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT
- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE

WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.

Module C 9 R 10 Format 0 11 1 12

CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	/ 13		— 47	
ΔV (km/h) TOTAL	0 5 2 14 15 16	8 — 32 33 34	— 48 49 50	— 66 67 68
LONGITUDINAL*	-0 4 9 17 20	8 — 35 38	— 51 54	— 69 72
LATERAL*	+0 1 8 21 24	8 — 39 42	— 55 58	— 73 76
NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = +0 1 0 -7 km/h = -0 0 7				
ENERGY DISSIPATED BY CRUSH (kj)	0 2 6 0 25 28	8 — 43 46	— 59 62	— 77 80
RECONSTRUCTION	2 2 29 30		— 63 64	
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL				
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRISE/ OVERRISE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE	2 31		— 65	
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINNIV</u>				

Duplicate columns 1-8
from the previous card.

Module C
9 R 10 Format 0
 11 2
 12

CRASH RECONSTRUCTION CR-2
for EBS

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	1 13		47	
EBS (km/h) TOTAL	052 14 15 16	8- 32 33 34	48 49 50	66 67 68
LONGITUDINAL*	-049 17 20	8- 35 38	51 ----- 54	69 ----- 72
LATERAL*	+018 21 24	8- 39 42	55 ----- 58	73 ----- 76
NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = +010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	0260 25 28	8- 43 46	59 ----- 62	77 ----- 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	22 29 30		63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRISE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY	2 31		65	
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINSIMAV</u>				

Duplicate columns 1-8
from the previous card.

Module C 9 R 10 Format 0 11 3 12

CRASH RECONSTRUCTION CR-3

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

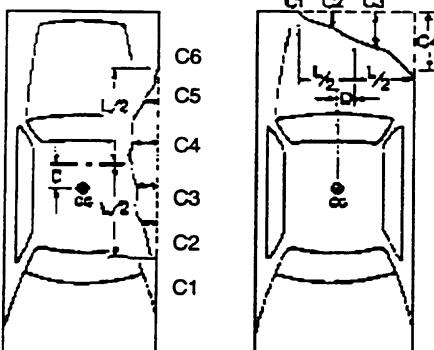
Specific Impact No.	Location of Direct Damage	Location of Field L
1	BEGINS AT LEFT-FRONT BUMPER CORNER 54-CM	BC TO BC

MAY CRUSH IS AT C1

STRING WAS SET AT 451. SHOULD BE 449 PER AMERICAN Specs SUBTRACT 2 FROM ALL CIS.

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



$$L_{ECL} = 188 \div 3 = 62.6$$

DL _____

UDL _____

$$D = 111 \div 2 = 55.5$$

$$54 \div 2 = 27$$

$$\underline{28.5}$$

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	$\pm D$
		Length (DDL)	Max Crush								
1	1	54	98	111	98	73	53	38	27	23	-29
		stringline adjustment	-2		-2	-2	-2	-2	-2	-2	
		Freespace	18		18	0	0	0	0	18	
		TOTAL	78		78	71	51	36	25	3	
1	1	054	078	111	078	071	051	036	025	003	-029
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module C
9 R Format 0
 10 11 4

CRASH RECONSTRUCTION CR-4

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

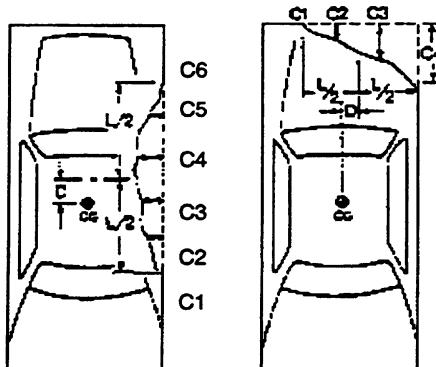
OTHER VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

PLANE:
(1) Bumper
(2) Above Bumper
(3) Sill
(4) Above Sill
(5) Other _____
(9) Unknown



DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D	
		Length (DDL)	Max Crush									
1												
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45	
2												

Duplicate columns 1-8
from the previous card.

Module W 9 T 10 Format 0 11 1 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

(0) NO
(1) YES
(9) UNKNOWN

LF 1
13

RF 1
1

RR 0
0

LR 0
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P 245 75R16
25

RF _____
35

RR _____
45

LR _____
55

TIRE TREAD TYPE

(1) REGULAR
(2) SNOW
(3) SLICKS
(4) ALL WEATHER (MS)
(7) OTHER: _____
(9) UNKNOWN

LF 4
17

RF 4
4

RR 4
4

LR 4
20

CARCASS CONSTRUCTION

(1) BIAS
(2) BELTED BIAS
(3) RADIAL
(4) ELLIPTICAL
(5) HI PRESSURE SPARE
(6) SPACE SAVER SPARE
(7) OTHER: _____
(9) UNKNOWN

LF 3
21

RF 3
3

RR 3
3

LR 3
24

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL	<u>1</u> <u>13</u>	AUXILIARY TANK TYPE (1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>8</u> <u>21</u>
MAIN TANK LOCATION	<u>322</u> <u>14</u> <u>16</u>	AUXILIARY TANK LOCATION	<u>888</u> <u>22</u> <u>24</u>
MAIN FILLER CAP LOCATION	<u>413</u> <u>17</u> <u>19</u>	AUXILIARY FILLER CAP LOCATION	<u>88</u> <u>25</u> <u>27</u>
MAIN TANK MATERIAL	<u>9</u> <u>26</u>	AUXILIARY TANK MATERIAL	<u>8</u> <u>28</u>

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F L Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

O
13

(1) YES COMPLETE PAGE.

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	— 14 15	—	—	—	—	21
#2	— 22 23	—	—	—	—	29
#3	— 30 31	—	—	—	—	37
#4	— 38 39	—	—	—	—	45
#5	— 46 47	—	—	—	—	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT
(LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
 9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.
(1) YES COMPLETE PAGE.

0
13

DID FIRE START IN CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

—
14

SEVERITY OF FIRE DAMAGE

(1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

—
16

FLAME PROPOGATION RATE

(1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

—
15

**DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?**

(0) NO
(1) YES
(9) UNKNOWN

—
17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.

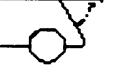
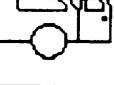
Module E
9 D
10 Format 0
11 1
12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE			STEERING COL FLEXIBLE COUPLING			
FOR THE FOLLOWING, USE CODES:			FLEXIBLE COUPLING TYPE			
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			<ul style="list-style-type: none"> (0) NONE (1) FLEXIBLE MATERIAL (2) POT (3) SINGLE U-JOINT (4) DOUBLE U-JOINT (5) FLEXIBLE CABLE (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OTHER: _____ (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN, IF EQUIPPED 			
HOOD LATCH(ES)-	-RELEASED		○ 13	COUPLING- (USE CODES FROM HOOD PERFORMANCE)	-DAMAGED	9 26
	-DAMAGED		 14		-SEPARATED (COMPLETE)	9 27
	-JAMMED		+ 15			9 28
HOOD HINGES-	-LEFT,	DAMAGED	 16	ENG COMPART TELESCOPING UNIT	<p>TYPE OF UNIT</p> <ul style="list-style-type: none"> (00) NONE INSTALLED (01) - (07) SEE UNITS ON PAGE ED-2 (88) NOT COLLECTED (97) OTHER: _____ (98) EQUIPPED, TYPE UNKNOWN (99) UNKNOWN IF EQUIPPED 	
	-LEFT,	SEPARATED (COMPLETE)	○ 17			
	-RIGHT,	DAMAGED	 18			
	-RIGHT,	SEPARATED (COMPLETE)	○ 19			
HOOD REMAINED ON VEHICLE			 20	<p>ORIGINAL LENGTH (mm)</p> <p>F (OR H): _____</p> <p>TELESCOPED LENGTH (mm)</p> <p>G: _____</p>	<p>8 8 29 30</p>	
	-ELEVATED		 21			
	-CONTACTED WINDSHIELD		○ 22			
-PENETRATED WINDSHIELD			8 23			
HOOD LATCH LOCATION			 24	<p>DIFFERENCE (mm)</p> <p>F (OR H) - G</p> <p>(IF LESS THAN 15mm, ENTER "000".)</p>		
<ul style="list-style-type: none"> (1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN 			 25	<ul style="list-style-type: none"> (888) NOT COLLECTED (991) NOT MEASURED/NO COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN 		
ENGINE OR TRANSMISSION MOUNT				<p>8 8 8 31 32 33</p>		
SEPARATION (COMPLETE)						
<ul style="list-style-type: none"> (0) NO (1) YES (9) UNKNOWN 						

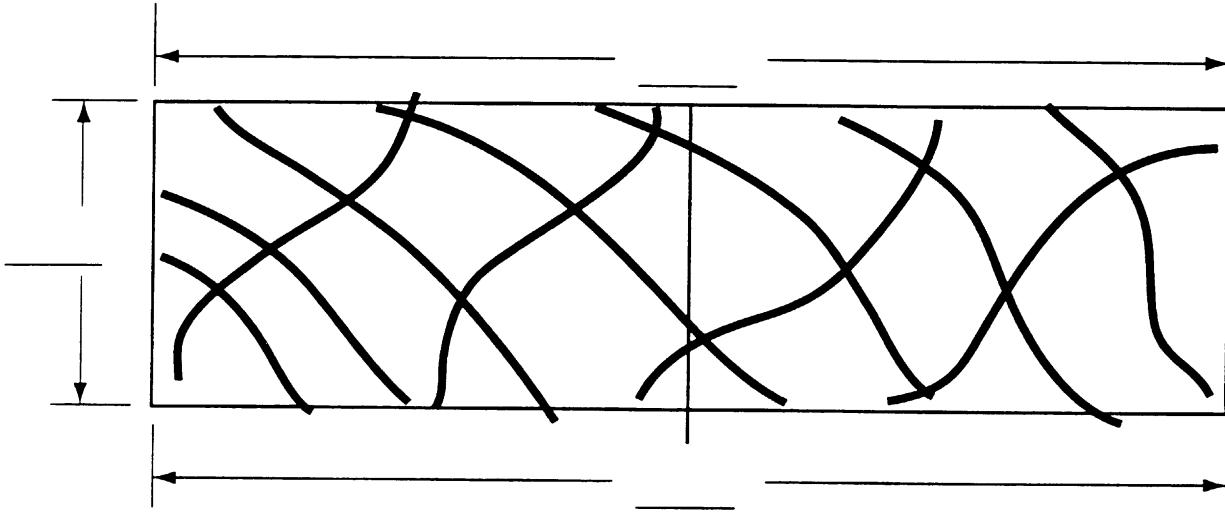
LEFT-SIDE BODY MOUNT DID BODY MOUNT SEPARATE? (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	0 34	LEFT DOORS HOW DID DOORS OPEN DURING COLLISION? USE CODES: (0) DOOR DID NOT OPEN OPENED BECAUSE OF (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
LEFT PILLARS PILLARS SEPARATED COMPLETELY - USE CODES: (0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN			
-A-PILLAR, UPPER	4 35		
LOWER	4 36		-FRONT 0 43
-B-PILLAR, UPPER	0 37		-REAR 0 44
LOWER	0 38	DOORS JAMMED CLOSED- USE CODES: (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
-C-PILLAR, UPPER	0 39		-FRONT 1 45
LOWER	0 40		-REAR 1 46
-D-PILLAR, UPPER	8 41		
LOWER	8 42		

		OTHER REAR DAMAGE			
REAR DOOR REAR DOOR TYPE <ul style="list-style-type: none"> (0) NO DOOR (INCLUDES PICKUPS) (1) HATCHBACK (2) ONE-WAY TAILGATE (3) TWO-WAY TAILGATE (4) CLAMSHELL/DISAPPEARING TAILGATE (5) SINGLE DOOR (6) DOUBLE DOOR (9) UNKNOWN <p>Hatchback </p> <p>One-way  </p> <p>Two-way  or </p> <p>Clamshell </p> <p>Single door </p> <p>Double door </p> <p>HOW DID DOOR OPEN DURING COLLISION?</p> <ul style="list-style-type: none"> (0) DOOR DID NOT OPEN (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN <p>DOOR JAMMED CLOSED</p> <ul style="list-style-type: none"> (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN 		(0) 47	WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?	(0) 50	
		SPARE TIRE <ul style="list-style-type: none"> (0) NO SPARE TIRE (1) NOT ATTACHED BEFORE COLLISION (2) ATTACHED, NOT SEPARATED IN COLLISION (3) ATTACHED, SEPARATED DUE TO COLLISION (8) NOT COLLECTED (9) UNKNOWN 		(8) 51	
		TRAILER HITCH TYPE <ul style="list-style-type: none"> (0) NO HITCH BALL-AND-SOCKET TYPES <ul style="list-style-type: none"> (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON) (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK) (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING) (4) LOAD EQUALIZING OTHER TYPES <ul style="list-style-type: none"> (5) RING-AND-PINTLE (6) FIFTH-WHEEL (INCL P/U) (7) OTHER (E.G. CLEVIS-AND-PIN) (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN IF EQUIPPED 		(3) 52	
		(8) 48	TRAILER TYPE (AT TIME OF COLLISION) <ul style="list-style-type: none"> (0) NO TRAILER (1) TRAVEL-TRAILER/CAMPER (2) MOBILE HOME (3) BOAT/SNOWMOBILE/ATV TRAILER (4) UTILITY TRAILER (5) TOWED CAR (7) OTHER: _____ (8) TRAILER, TYPE UNKNOWN (9) UNKNOWN 		(0) 53
		(8) 49			

RIGHT-SIDE BODY MOUNT		DID BODY MOUNT SEPARATE?	RIGHT DOORS	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		54	HOW DID DOORS OPEN DURING COLLISION?	
RIGHT PILLARS	PILLARS SEPARATED COMPLETELY -		USE CODES:	
USE CODES:			(00) DOOR DID NOT OPEN	
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (<i>NOT EQUIPPED</i>) (9) UNKNOWN			OPENED BECAUSE OF	
-A-PILLAR, UPPER		55	(01) HINGE AREA SEPARATION (02) DOOR-LATCH SEPARATION (03) LATCH-STRIKER SEPARATION (04) STRIKER-PILLAR SEPARATION (05) BODY DISTORTION (06) COMBINATION OF ABOVE <i>(CIRCLE EACH)</i> (07) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED <i>(ANY MECHANISM)</i>	
LOWER		56	(98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN	
-B-PILLAR, UPPER		57		-FRONT 63 64
LOWER		58		-REAR 65 66
-C-PILLAR, UPPER		59	DOORS JAMMED CLOSED-	
LOWER		60	USE CODES:	
-D-PILLAR, UPPER		61	(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
LOWER		62		-FRONT 67
				-REAR 68
			VAN REAR DOOR TYPE	
			(0) VAN, NO REAR DOOR (1) TRACK (<i>SLIDING</i>) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT SIDE (4) TRACK (<i>SLIDING</i>) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (<i>NOT A VAN</i>) (9) UNKNOWN	

WINDSHIELD DAMAGE		WINDSHIELD MARK ON CASE VEHICLE:
WINDSHIELD CRACKED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		1 70
WINDSHIELD BROKEN <i>(PLASTIC INTERLAYER TORN)</i> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		O 71
CRACKED OR BROKEN BY OCCUPANT CONTACT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		O 72
EXTENT OF BOND SEPARATION (0) NONE (1) 1 - 20% (2) 21 - 40 (3) 41 - 60 (4) 61 - 80 (5) 81 - 99 (6) TOTAL (7) SEPARATED, AMOUNT UNKNOWN (8) NOT APPLICABLE (9) UNKNOWN		O 73
WINDSHIELD CODE (97) DESCRIBED BUT NOT CODED (98) NOT APPLICABLE (<i>NO WINDSHIELD</i>) (99) UNKNOWN		99 74 75
ROOF DID T-ROOF/SUN ROOF OPEN DURING COLLISION? (0) NO (1) YES (8) NOT APPLICABLE (NOT A T-ROOF OR SUN ROOF) (9) UNKNOWN		8 76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



Duplicate columns 1-8
from the previous card.

Module S 9 C 10 Format 0 1
11 12

STEERING WHEEL AND COLUMN SC-1

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

*bottom
42*

2
13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

*SHEAR CAPSULES TOTALLY
SEPARATE*

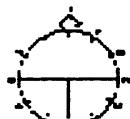
0
15

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED?

EXAMPLES

O'CLOCK = 1 2



(NORMAL STRAIGHT AHEAD)

O'CLOCK = 9 10



O'CLOCK = 9 9

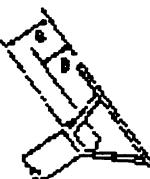
(99) UNKNOWN

STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:



BARRACUDA, 70 - 74
CHALLENGER, 70 - 74
CAPRI, 71 - 77



(2) EXAMPLES:

OMNI, 78 -
HORIZON, 78 -

STEERING COLUMN OPTIONS

TIILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

1
16

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
17

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 21 22

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
18

STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN

ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
- (88) NOT COLLECTED
- (99) UNKNOWN

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

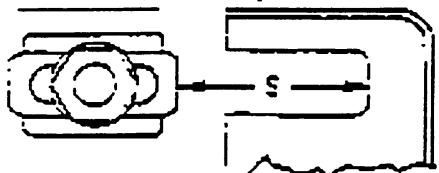
- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

8	8
23	24

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
- (1) OCCUPANT CONTACT
- (2) AIRBAG
- (3) OTHER _____
- (9) UNKNOWN

33

8	8	8
25	26	27

8	8	8
28	29	30

2
31

1
32

Broke

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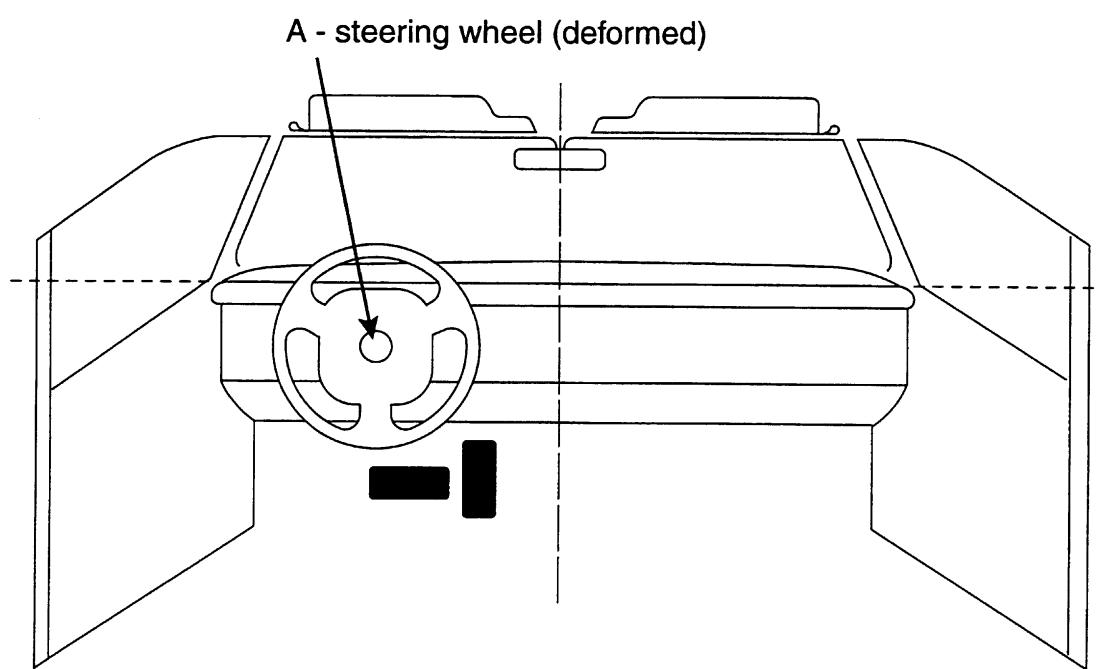
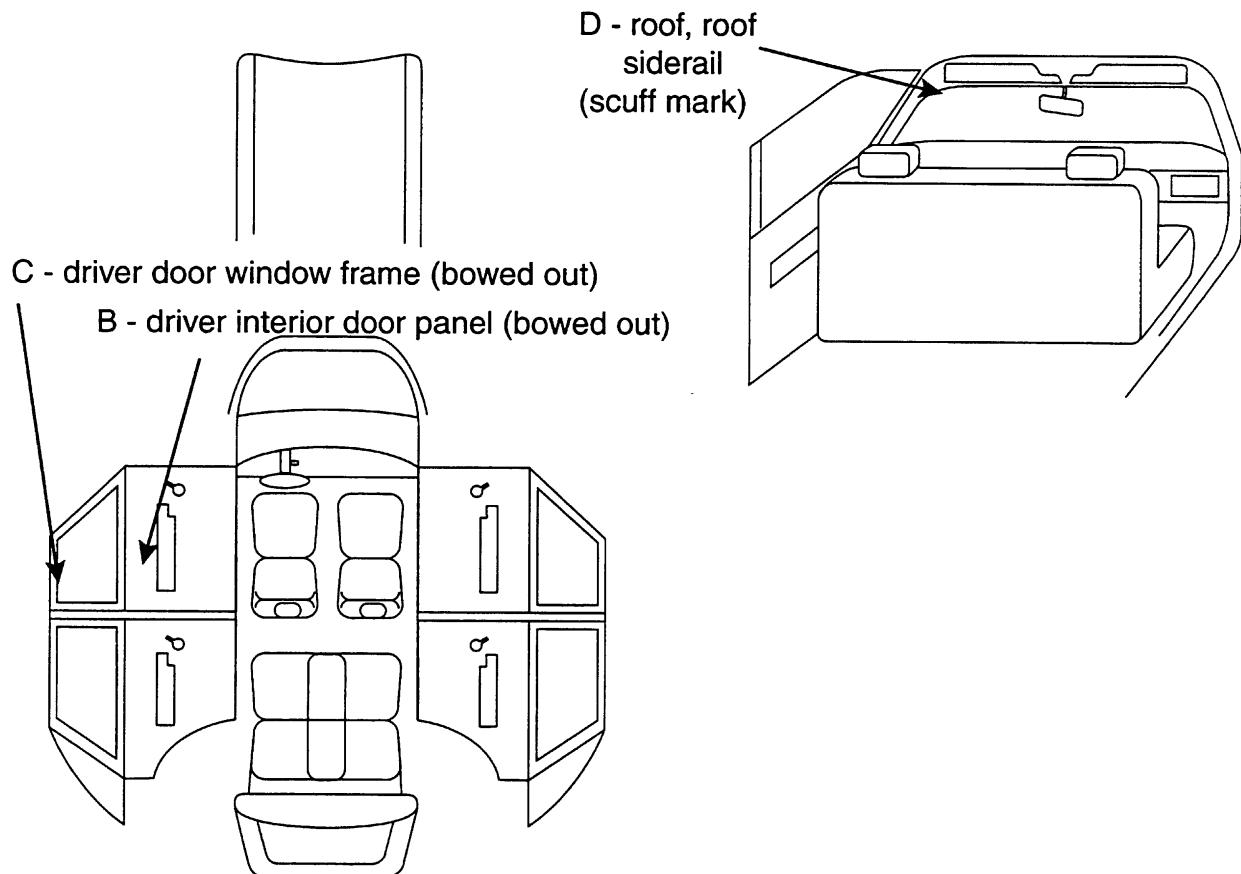
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	steering wheel	1	chest	deformed	2
B	driver door panel	1	body	bowed out	1
C	driver door window frame	1	body	bowed out	1
D	roof, roof siderail	1	head	scuffmark	2
E					
F					

VEHICLE OCCUPANT CONTACT DIAGRAM



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

(1) LEFT	(3) RIGHT	INDIVIDUAL SEAT		
(1) LEFT	(2) CENTER	(3) RIGHT	BENCH: FULL WIDTH 3 PASSENGER	
(1) LEFT	(2) LEFT CENTER	(6) RIGHT	(3) RIGHT	BENCH: FULL WIDTH 4 PASSENGER
(1) LEFT	(2) CENTER	(5) RIGHT &	AISLE SPACE	BENCH: PARTIAL WIDTH, LEFT AISLE SPACE
(0) LEFT & SPACE	(2) CENTER	(5) RIGHT &	SPACE	BENCH: PARTIAL WIDTH, CENTERED
(4) ENTIRE VEHICLE WIDTH				CARGO AREA

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS

X	X	11	13
X	X	21	22 23

VAN
12 PASSENGER CAPACITY

X	X	11	13
X	X	21	22 25
X	X	31	32 35
X	X	41	42 46 43

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	<u>CONTACT</u>
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT	GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE		
INTERNAL	<i>USE ONLY IF ALL THESE COMPONENTS INTRUDED INTO A SINGLE OCCUPANT SPACE.</i>		
(01) INSTRUMENT PANEL	(50) WINDSHIELD HEADER	(60) ROOF	
(02) FIRE WALL	A-PILLAR	ROOF RAIL	
(03) TOE PAN	ROOF SIDE RAIL	A-PILLAR	
(04) FLOOR PAN		B-PILLAR	
(05) STEERING COLUMN	(51) INSTRUMENT PANEL	C-PILLAR	
(06) WINDSHIELD	A-PILLAR	WINDOW FRAME	
(07) WINDSHIELD HEADER	DOOR PANEL	DOOR PANEL	
(08) A-PILLAR		FLOOR PAN	
(09) DOOR PANEL OR SIDE PANEL	(52) INSTRUMENT PANEL		
(10) WINDOW FRAME	A-PILLAR	(61) INSTRUMENT PANEL	
(11) B-PILLAR	WINDSHIELD HEADER	TOE PAN	
(12) C-PILLAR		WINDSHIELD HEADER	
(13) D-PILLAR	(53) DOOR PANEL	A-PILLAR	
(14) ROOF SIDE RAILS	B-PILLAR	ROOF RAIL	
(15) ROOF OR CONVERTIBLE TOP	ROOF RAIL	WINDOW FRAME	
(16) BACKLIGHT HEADER		DOOR PANEL	
(17) FRONT SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(54) DOOR PANEL	ROOF	
(18) SECOND SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	A-PILLAR		
(19) THIRD SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	ROOF RAIL	(62) ROOF	
(20) FOURTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE		ROOF RAIL	
(21) FIFTH SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE	(55) INSTRUMENT PANEL	C-PILLAR	
(22) BACK PANEL/BACK DOOR SURFACE	FLOOR PAN	WINDOW FRAME	
(23) SEAT CUSHION SURFACE/EDGE	A-PILLAR	FLOOR PAN	
(24) CONSOLE	DOOR FRAME	SECOND SEAT	
(25) OTHER (DESCRIBE)		DOOR PANEL	
(26) UNKNOWN INTERNAL SURFACES	(56) ROOF RAIL	(63) ROOF RAIL	
(28) TRANSMISSION TUNNEL (HUMP)	A-PILLAR	ROOF	
(29) SIDE FOOTWELL PANEL (KICKPANEL)	B-PILLAR	B-PILLAR	
(30) SILL	WINDOW FRAME	WINDOW FRAME	
EXTERNAL			
(43) HOOD	(57) ROOF RAIL	FLOOR PAN	
(44) OBJECT EXTERNAL TO PASSENGER COMPARTMENT BUT PART OF CASE VEHICLE	A-PILLAR	DOOR PANEL	
(45) OUTSIDE SURFACE OF CASE VEHICLE	B-PILLAR	SECOND SEAT	
(46) OTHER (E.G. SPARE TIRE, JACK. DESCRIBE.)	C-PILLAR	FRONT SEAT	
(49) UNKNOWN EXTERNAL OBJECT	DOOR PANEL		
	(58) ROOF	(64) ROOF RAIL	
	ROOF RAIL	ROOF OR CONVERTIBLE TOP	
	WINDOW FRAME	A-PILLAR	
	DOOR PANEL	B-PILLAR	
	(59) BACKLIGHT HEADER	WINDOW FRAME	
	ROOF	WINDOW HEADER	
	C-PILLAR		
	THIRD SEAT-BACK		
	(65) WINDSHIELD	(66) WINDSHIELD	
	WINDSHIELD HEADER	WINDSHIELD HEADER	
	ROOF SIDE RAIL	A-PILLAR	
	(67) WINDSHIELD		
	WINDSHIELD HEADER		
	A-PILLAR		
	(98) NOT APPLICABLE		
	(99) UNKNOWN		

Duplicate columns 1-8
from the previous card.

Module I T Format 0 1
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION?

1
13

WAS INTRUSION CATASTROPHIC?

0
14

(0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
(1) YES ANSWER NEXT QUESTION.
(9) UNKNOWN SKIP PAGE.

(0) NO COMPLETE PAGE.
(1) YES SKIP PAGE.

Duplicate columns 1-8
from the previous card.

Module I T Format 0 2
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E INTRUDING MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 1	11	03	1	25	00	00	00	00	00	00
0 2	11	04	1	00	00	10	00	00	00	00
0 3	13	03	1	34	00	00	00	00	00	00
0 4	—	—	—	—	—	—	—	—	—	—
0 5	—	—	—	—	—	—	—	—	—	—
0 6	—	—	—	—	—	—	—	—	—	—
0 7	—	—	—	—	—	—	—	—	—	—

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.

Module I T Format 0 3
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION
RESULTED FROM**

INTRUSION
NUMBER CAUSE

**CODES
FOR CAUSE:**

13 — 15 (1) DIRECT IMPACT
16 — 18 (2) INDUCED DAMAGE
19 — 21 (9) UNKNOWN

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT**

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	—	—	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER: _____
B 26 27	—	—	29
C 30 31	—	—	33
D 34 35	—	—	37
			(8) NOT APPLICABLE (9) UNKNOWN

Duplicate columns 1-8 Module 1 T Format 0 2
from the previous card. 9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E INTRUDING INTRUSION	F MAXIMUM X AXIS (cm)	G MAXIMUM Y AXIS (cm)	G MAXIMUM Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25		26-27	28-29	30-31	32-33
0 8	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
0 9	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 0	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 1	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 2	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 3	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 4	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 5	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 6	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 7	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 8	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
1 9	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
2 0	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
2 1	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
2 2	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
2 3	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
2 4	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —
2 5	— —	— —	—	— —	— —	— —	— —	— —	— —	— —	— —

CODES:

(0) NO
 (1) YES
 (3) NO, and OCCUPANT CONTACT
 (4) YES, and OCCUPANT CONTACT
 (8) NOT APPLICABLE
 (9) UNKNOWN

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	<u>4</u> 13	<u>0</u> 14	FOOT CONTROLS	<u>3</u> 45	UPPER PANEL	<u>1</u> 55
FRONT HARDWARE	<u>1</u> 15	<u>0</u> 16	IGNITION KEYS	<u>0</u> 46	MID PANEL	<u>1</u> 56
FRONT ARMREST	<u>1</u> 17	<u>0</u> 18	REAR VIEW MIRROR	<u>0</u> 47	LOWER PANEL	<u>1</u> 57
FRONT GLASS	<u>1</u> 19	<u>0</u> 20	SUNVISOR/FITTINGS	<u>0</u> 48	ASHTRAY	<u>0</u> 58
REAR DOOR AREA	<u>0</u> 21	<u>0</u> 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	<u>1</u> 59
REAR HARDWARE	<u>0</u> 23	<u>0</u> 24	WINDSHIELD TOP MOLDINGS	<u>0</u> 49	GLOVE COMPARTMENT AREA	<u>0</u> 60
REAR ARMREST	<u>0</u> 25	<u>0</u> 26			INSTRUMENTS	<u>0</u> 61
REAR GLASS	<u>0</u> 27	<u>0</u> 28	LEFT A-PILLAR (UPPER OR LOWER)	<u>0</u> 50	PARKING BRAKE RELEASE	<u>0</u> 62
ROOF SIDE RAIL	<u>0</u> 29	<u>0</u> 30	RIGHT A-PILLAR (UPPER OR LOWER)	<u>0</u> 51	PARKING BRAKE PEDAL	<u>0</u> 63
B-PILLAR	<u>0</u> 31	<u>0</u> 32	CENTER CONSOLE	<u>1</u> 52	A/C OR UPPER VENT OUTLETS	<u>0</u> 64
C-PILLAR	<u>0</u> 33	<u>0</u> 34	TRANSMISSION SELECTOR LEVER	<u>0</u> 53	HEATER OR A/C DUCTS	<u>0</u> 65
D-PILLAR	<u>8</u> 35	<u>8</u> 36	RIM, HORN, SPOKE	<u>0</u> 54	RADIO	<u>0</u> 66
HEADLINING	<u>0</u> 37	<u>0</u> 38			OTHER: _____	<u>0</u> 67
ROOF STRUCTURE	<u>0</u> 39	<u>0</u> 40				
T-ROOF/SUN ROOF	<u>8</u> 41	<u>8</u> 42				
OTHER: *	<u>8</u> 43	<u>8</u> 44				
					REAR	<u>0</u> 68
					WINDOW	<u>0</u> 69
					WINDOW HEADER	
					CONSOLES	
					VERTICAL	<u>1</u> 70
					ROOF	<u>8</u> 71

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S T Format O 2
 9 10 11 12

SEATS

ST-1

FRONT SEAT	DRIVER	PASSENGER	FRONT SEAT-BACK	DRIVER	PASSENGER
TYPE OF FRONT SEAT			SEAT-BACK TYPE		
(00) NO SEAT	<u>05</u>	<u>05</u>	(1) FORWARD FOLDING		
(01) STANDARD BENCH	13	14	(2) RIGID		
(02) SPLIT BACK, 50-50			(3) RECLINING		
(03) SPLIT BACK, DRIVER WIDE			(7) OTHER: _____		
(04) SPLIT BACK, PASS. WIDE			(8) NOT APPLICABLE		
(05) BUCKET			(9) UNKNOWN		
(06) CAPTAIN'S CHAIR			SEAT-BACK LOCK TYPE		
(07) INDIV. BENCH, 50-50			(0) NONE		
(08) INDIV. BENCH, DRIVER WIDE			(1) MANUAL		
(09) INDIV. BENCH, PASS. WIDE			(2) INERTIA		
(97) OTHER: _____			(3) POWER		
(99) UNKNOWN			(7) OTHER: _____		
TYPE OF SEAT MOUNT			(8) NOT APPLICABLE		
(1) STANDARD	<u>1</u>	<u>1</u>	(9) UNKNOWN		
(2) PEDESTAL			LOCKS HELD		
(7) OTHER: _____	<u>17</u>	<u>18</u>	(0) NO		
(8) NOT APPLICABLE			(1) YES		
(9) UNKNOWN			(8) NOT APPLICABLE		
SWIVEL MECHANISM EQUIPPED	<u>0</u>	<u>0</u>	(9) UNKNOWN		
(0) NO	19	20	RECLINER MECHANISM HELD		
(1) YES			(0) NO		
(8) NOT APPLICABLE			(1) YES		
(9) UNKNOWN			(8) NOT APPLICABLE		
ORIGINAL EQUIPMENT SEATS	<u>1</u>	<u>1</u>	(9) UNKNOWN		
(0) NO	21	22	HEAD RESTRAINT		
(1) YES			HEAD RESTRAINT TYPE		
(8) NOT APPLICABLE			(0) NONE		
(9) UNKNOWN			(1) ADJUSTABLE		
CONTACT OF SEAT BY REAR OCCUPANT	<u>8</u>	<u>8</u>	(2) INTEGRAL		
(0) NO	23	24	(3) NOT INTEGRAL, BUT CANNOT BE REMOVED		
(1) YES			(7) OTHER: _____		
(8) NOT APPLICABLE			(8) NOT APPLICABLE		
(9) UNKNOWN			(9) UNKNOWN		
FRONT SEAT DAMAGE			REMOVED PRE-CRASH		
(0) NONE	<u>0</u>	<u>0</u>	(0) NO		
(1) BACKREST ONLY DAMAGED	25	26	(1) YES		
(2) CUSHION ONLY DAMAGED			(8) NOT APPLICABLE		
(3) BACKREST & CUSHION DAMAGED			(9) UNKNOWN		
(8) NOT APPLICABLE			ADJUSTMENT AT CRASH		
(9) UNKNOWN			(1) UP		
CENTER ARMREST DAMAGED			(2) DOWN		
(0) NO	<u>0</u>	<u>0</u>	(8) NOT APPLICABLE		
(1) YES	27		(9) UNKNOWN		
(7) EQUIPPED, DAMAGE UNKNOWN			HEAD RESTRAINT DAMAGE		
(8) NOT APPLICABLE			(0) NONE		
(NO CENTER ARMREST)			(1) DAMAGED BUT NOT SEPARATED		
(9) UNKNOWN IF EQUIPPED			(2) SEPARATED		
FRONT SEAT ROTATION			(8) NOT APPLICABLE		
(0) NONE APPARENT	<u>1</u>	<u>1</u>	(9) UNKNOWN		
(1) FORWARD APPARENT	28	29	FRONT SEAT-BACK		
(2) REARWARD APPARENT			SEAT-BACK TYPE		
(3) LEFT APPARENT			(1) FORWARD FOLDING		
(4) RIGHT APPARENT			(2) RIGID		
(5) MULTIPLE ROTATIONS SPECIFY			(3) RECLINING		
(8) NOT APPLICABLE			(7) OTHER: _____		
(9) UNKNOWN			(8) NOT APPLICABLE		
			(9) UNKNOWN		

FRONT SEAT ADJUSTMENT SEAT ADJUSTMENT TYPE (0) NONE (<i>RIGID</i>) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (<i>NO SEAT</i>) (9) UNKNOWN	DRIVER	PASSENR	SECOND SEAT (CONT.) CENTER ARMREST DAMAGED		
	<u>1</u> 46	<u>1</u> 47	(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (<i>NO CENTER ARMREST</i>) (9) UNKNOWN IF EQUIPPED	<u>8</u> 60	
	ADJUSTMENT PROVIDED (1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 48	<u>1</u> 49		
	SEAT ADJUSTER DAMAGE (0) NONE (1) CHUCKING (<i>FREE PLAY</i>) (2) DEFORMED (<i>RELEASED/JAMMED</i>) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>2</u> 50	<u>0</u> 51	SECOND SEAT-BACK LOCKS FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
	SEAT ADJUSTER SEPARATION (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 52	<u>8</u> 53	LEFT OR CENTER, EQUIPPED LEFT OR CENTER, HELD (3) SEAT FOLDED DOWN RIGHT, EQUIPPED RIGHT, HELD (3) SEAT FOLDED DOWN	
	PRE-CRASH POSITION (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN	<u>9</u> 54	<u>9</u> 55		
	SECOND SEAT TYPE OF SECOND SEAT (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN	LEFT	RIGHT	THIRD SEAT EQUIPPED BACKREST DAMAGED CUSHION DAMAGED	
	SECOND SEAT DAMAGE (0) NONE (1) BACKREST ONLY (<i>DAMAGED OR LOOSENERED</i>) (2) CUSHION ONLY (<i>DAMAGED OR LOOSENERED</i>) (3) BACKREST & CUSHION (<i>DAMAGED OR LOOSENERED</i>) (4) INTEGRAL CHILD SEAT (<i>PRIORITY CODE</i>) (5) LUGGAGE AREA ACCESS PANEL (<i>DAMAGED OR LOOSENERED</i>) (8) NOT APPLICABLE (9) UNKNOWN	<u>1</u> 56	<u>1</u> 57	VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS (0) NOT EQUIPPED (<i>OR REMOVED</i>) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (<i>NO REAR SEAT</i>) (9) UNKNOWN	
		<u>0</u> 58	<u>0</u> 59	<i>Applies to any rear-seat position</i>	

Duplicate columns 1-8
from the previous card.

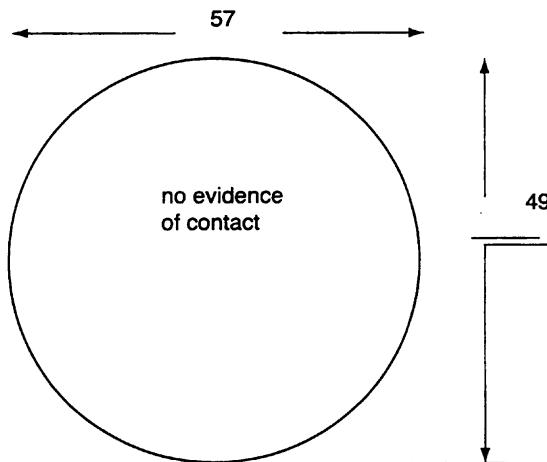
Module A 9 B 10 Format 0 11 1 12

AIRBAG AB-1

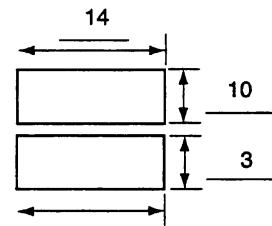
DRIVER SIDE		PASSENGER SIDE	
LOCATION OF AIRBAG		LOCATION OF AIRBAG	
STEERING WHEEL		INSTRUMENT PANEL (GLOVE BOX)	
EQUIPPED		EQUIPPED	
(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED		(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED	
DEPLOYED		DEPLOYED	
(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN		(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	
CONDITION OF AIRBAG		CONDITION OF AIRBAG	
STEERING WHEEL		INSTRUMENT PANEL (GLOVE BOX)	
(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION		(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	
DRIVER SIDE		PASSENGER SIDE	
AIRBAG		AIRBAG	
STEERING WHEEL		INSTRUMENT PANEL (GLOVE BOX)	
TETHER		TETHER	
(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED		(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED	
MARKED BY CONTACT		MARKED BY CONTACT	
(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN		(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	

AIRBAG NUMBER ON DRIVER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:



Driver Airbag Doors



H-Pattern

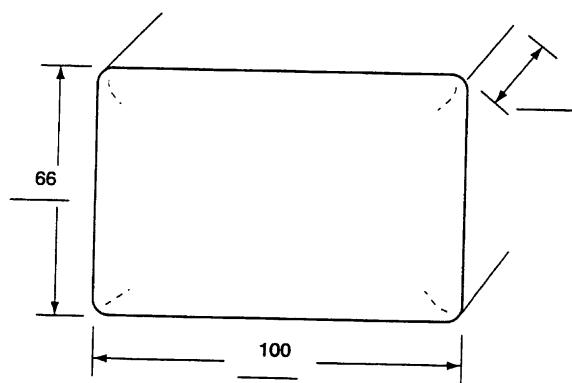
Vents: Y N
if yes, how many: _____

Tethers: Y N 1
if yes, how many: _____

AIRBAG NUMBER ON PASSENGER SIDE:

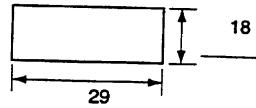
NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:

Passenger Airbag



Passenger Airbag Doors

Single Door



Vents: Y N
if yes, how many: _____

Tethers: Y N
if yes, how many: _____

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.Module O C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		<u>01</u> 13 14	PHYSICAL DESCRIPTION	
OCCUPANT NUMBER	AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN		33 20 21	
ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (<i>NOT DRIVER</i>) (9) UNKNOWN	1 15	AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN	25 22 23	
OCCUPANT POSITION	<u>1</u> 16	MASS (kg) (999) UNKNOWN	265 24 25 26	
ROW LOCATION (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (<i>E.G. BED OF PICKUP</i>) (9) UNKNOWN		HEIGHT (cm) (999) UNKNOWN	61T" 185 27 28 29	
LATERAL LOCATION (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (<i>LYING ON SEAT</i>) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN	<u>1</u> 17	SEX (1) MALE (2) FEMALE (9) UNKNOWN	1 30	
POSTURE (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (<i>E.G. FEET ON DASH, SIDeways</i>) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN		MEDICAL CONDITIONS		
	<u>10</u> 18 19	TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN	04 31 32	
		INJURY SEVERITY SCORE (ISS) (99) UNKNOWN	10 33 34	
		NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (<i>CLINICAL DEATH AT WHEEL</i>) (3) PRE-CRASH NON-FATAL (<i>E.G. PRIOR INJURY, STROKE</i>) (4) PREGNANT (5) POST-CRASH FATAL (<i>DROWNING</i>) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: (8) COMBINATION OF ABOVE (<i>CIRCLE EACH</i>) (9) UNKNOWN	0 35	

OCCUPANT INFORMATION OC-2

<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <ul style="list-style-type: none"> (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN 	<p>3</p> <p>36</p>	<p>CHILD SEAT TYPE</p> <ul style="list-style-type: none"> (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE <i>(ADULT OR OLDER CHILD)</i> (99) UNKNOWN <p>CHILD SEAT MAKE/MODEL</p> <hr/> <hr/> <hr/>	<p>88</p> <p>41 42</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <ul style="list-style-type: none"> (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <ul style="list-style-type: none"> (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN <p>PASSIVE RESTRAINT SYSTEM</p> <ul style="list-style-type: none"> (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <ul style="list-style-type: none"> (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN 	<p>3</p> <p>37</p> <p>0</p> <p>38</p> <p>1</p> <p>39</p> <p>2</p> <p>40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <ul style="list-style-type: none"> (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED <p>AREA OF EJECTION</p> <ul style="list-style-type: none"> (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: <u>WINDOW FRAME</u> (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED <p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <p><u>BLOWED OUT DOOR AND</u></p> <p><u>WINDOW FRAME, LEAVING AN</u></p> <p><u>OPENING</u></p> <p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <ul style="list-style-type: none"> (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN 	<p>2</p> <p>43</p> <p>1</p> <p>44 45</p> <p>1</p> <p>46</p>

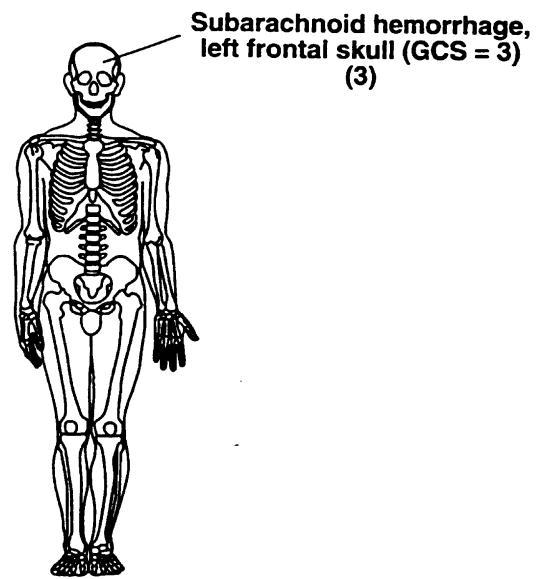
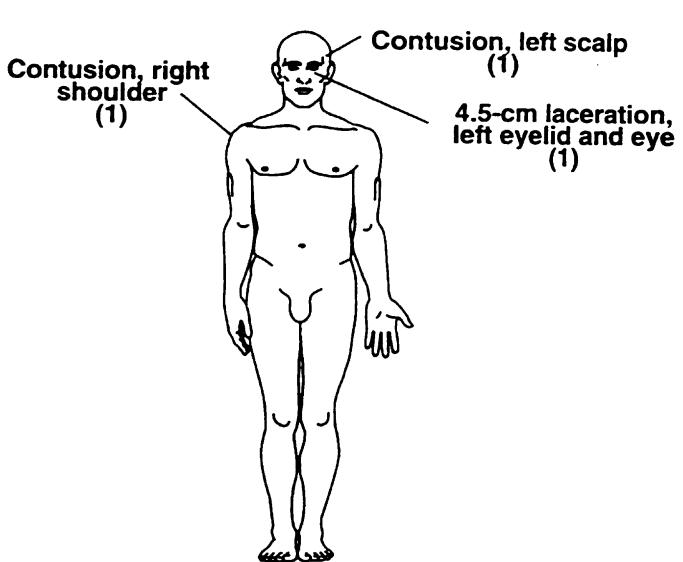
OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR	<u>9</u> 47	SOURCE OF INFORMATION	<u>7</u> 48
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN		<input checked="" type="checkbox"/> (0) INTERVIEW <input checked="" type="checkbox"/> (1) HOSPITAL <input type="checkbox"/> (2) AUTOPSY <input type="checkbox"/> (3) POLICE <input type="checkbox"/> (4) OTHER _____ <input type="checkbox"/> (5) LAY CORONER/EXTERNAL EXAM <input type="checkbox"/> (7) COMBINATION OF ABOVE (CIRCLE) <input type="checkbox"/> (8) NOT APPLICABLE <input type="checkbox"/> (9) UNKNOWN	

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.

blood alcohol = .22 percent



Duplicate columns 1-8
from the previous card.

Module 1 C **Format** 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD

- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER

- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE

- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)

- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN

- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)

- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM

- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK

- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)

- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

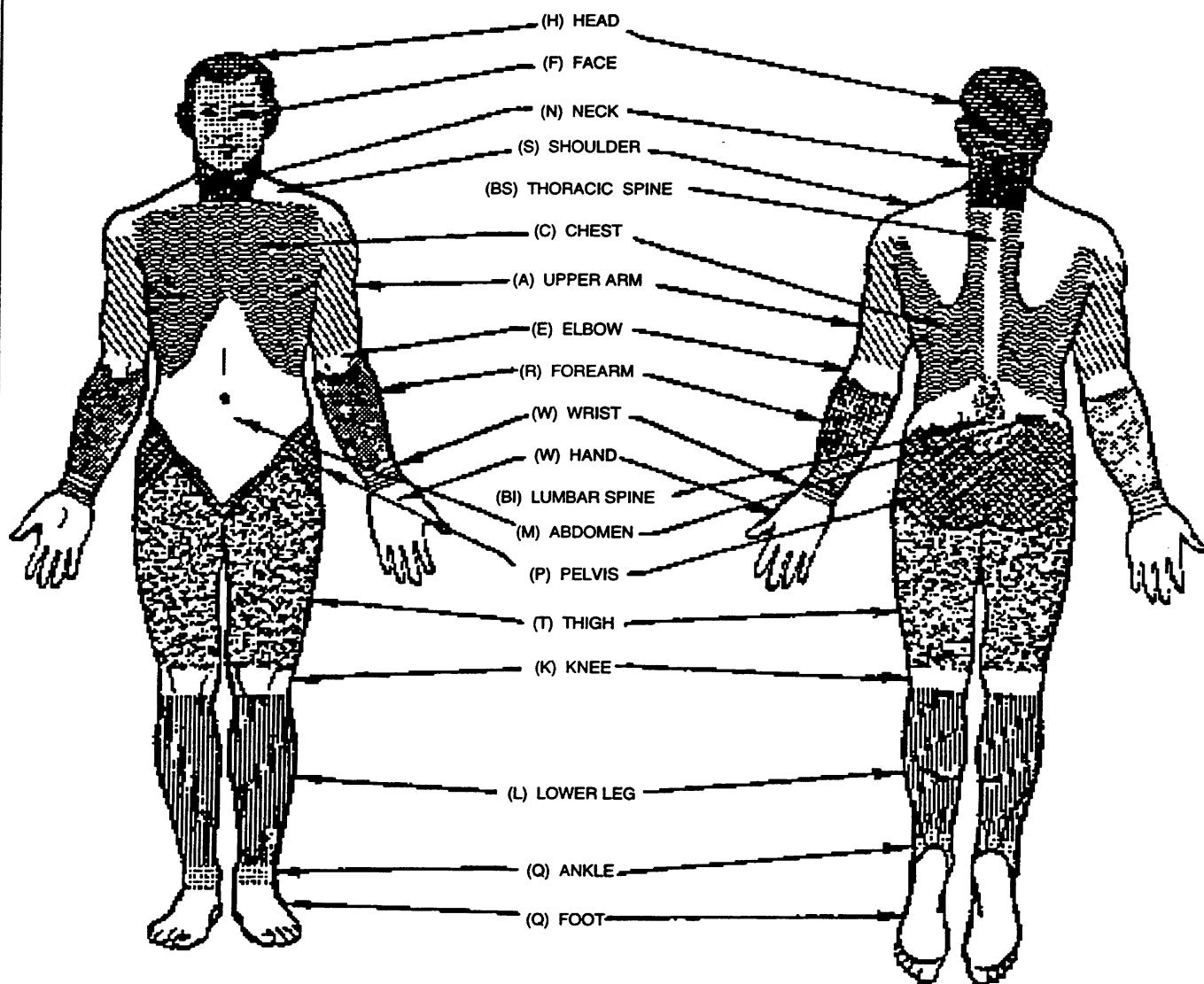
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION	3 LESION	4 SYSTEM/ORGAN
(H) HEAD/SKULL	(L) LACERATION	(S) SKELETAL
(F) FACE	(C) CONTUSION	(V) VERTEBRAE
(N) NECK	(A) ABRASION	(J) JOINTS
(S) SHOULDER	(F) FRACTURE	(D) DIGESTIVE
(X) UPPER EXTREMITIES	(P) PERFORATION, PUNCTURE	(L) LIVER
(A) ARM (UPPER)	(K) CONCUSSION	(N) NERVOUS SYSTEM
(E) ELBOW	(V) AVULSION	(B) BRAIN
(R) FOREARM	(R) RUPTURE	(C) SPINAL CORD
(W) WRIST/HAND	(S) SPRAIN	(E) EARS
(C) CHEST	(D) DISLOCATION	(O) EYES
(M) ABDOMEN	(N) CRUSH	(A) ARTERIES
(B) BACK	(M) AMPUTATION	(H) HEART
(P) PELVIC/HIP	(B) BURN	(Q) SPLEEN
(Y) LOWER EXTREMITIES	(G) DETACHMENT, SEPARATION	(G) UROGENITAL
(T) THIGH	(Z) FRACTURE AND DISLOCATION	(K) KIDNEYS
(K) KNEE	(T) STRAIN	(R) RESPIRATORY
(L) LEG (LOWER)	(E) TOTAL SEVERANCE, TRANSECTION	(P) PULMONARY/LUNGS
(Q) ANKLE/FOOT	(O) OTHER	(M) MUSCLES
(O) WHOLE BODY	(U) UNKNOWN	(T) THYROID, OTHER ENDOCRINE GLAND
(U) UNKNOWN		(I) INTEGUMENTARY (SKIN)
		(W) ALL SYSTEMS IN REGION
		(U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (I) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

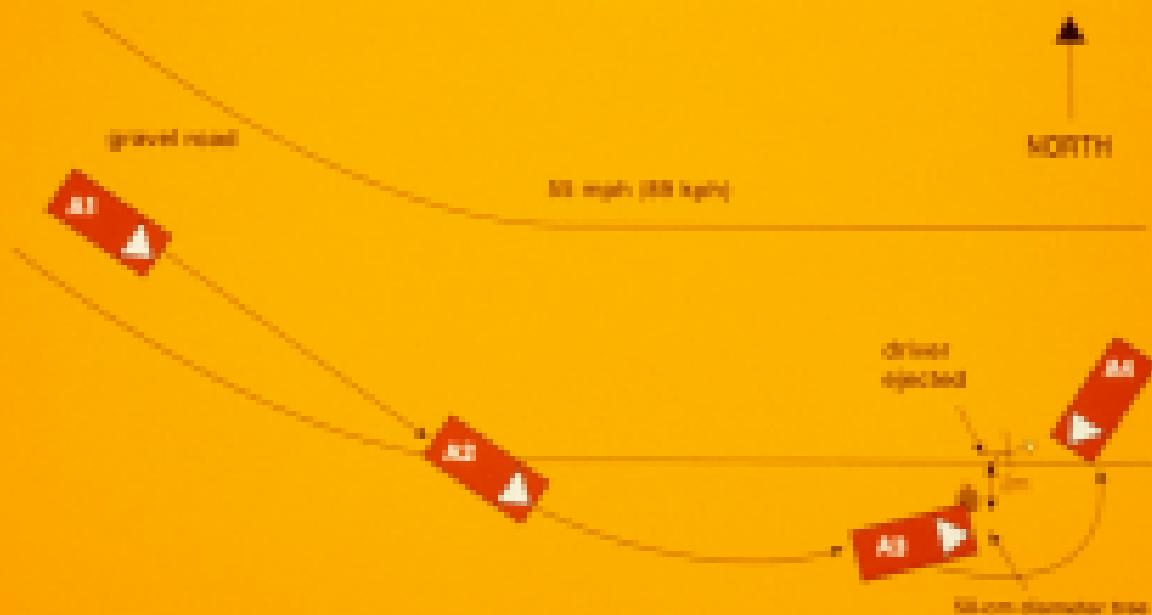
5

SEVERITY
(OR "AIS", ABBREVIATED
INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN

Case No.: 22100
Case Date: 14-10-2008 Dodge
Type: Four-Wheel Drive/4WD, 4x4 pickup
Driver: 30-year-old male

Weather: Cloudy
Road Surface: Dry
Road Condition: Gravel
Light Condition: Dark/Unlit



PN 22100#1



PN22100 #2



PN 22100#3



PN22100 #4



PN 22100 #5



PN 22100 #6



PN 22100 #7



**PN 22100 #8
Best Available**



PN 22100 #9



PN 22100 #10
Best Available



PN 22100 #11
Best Available



PN22100 #12



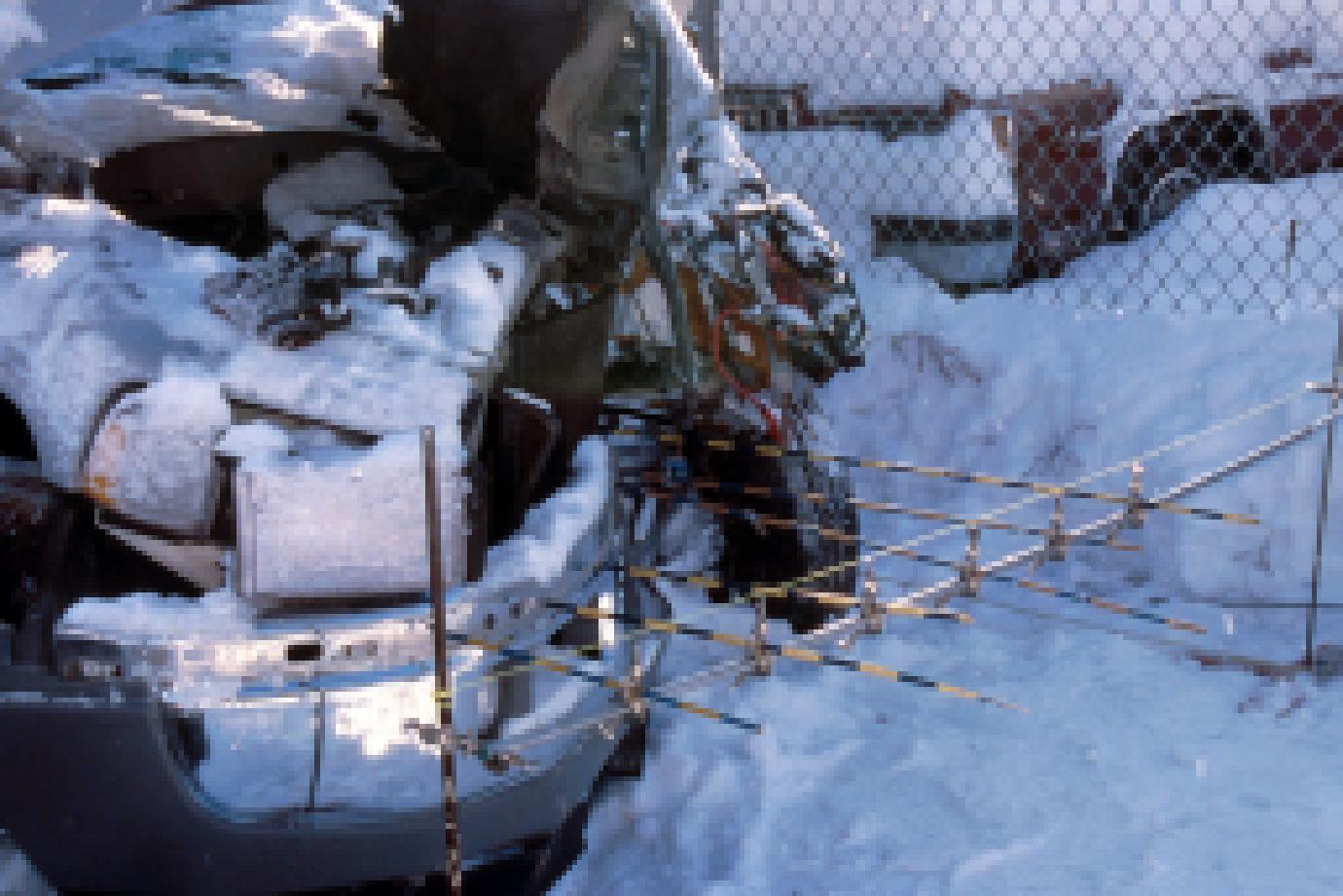
PN 22100#13
Best Available



PN22100 #14



PN 22100 #15
Best Available



PN 22100 #16
Best Available



PN 22100 #17



PN 22100 #18



PN 22100#19



PN 22100 #20



PN 22100#21



PN22100#22



PN22100 #23



PN 22100 #24



PIN 22100#25



PN 22100 #26



PN 22100#27



PN 22100 #28



PN 22100429



PN 22100430



PN 22100 #31



PN 22100 #32



PN 22100 #33



PN 22100 #34



PN 22100 #35



PN22100 #36



PN 22100#37



PN 22100 #38



PN 22100 #39



PN 22100#40



PN 22100 #41



PN22100#42



PN 22100#43
Best Available



PN 22100#44



PN 22100 #45



PN 22100 #48



PN 22100#47



PN 22100 #48



PN 22100449



PN 22100 #50



PN 22100 #51



PN22100 #52



PN 22100#53



PN 22100 #54



PN 22100 #55



PN 22100-#56



PN22100#57



PN 22100 #58



PN 22100 #59



PN 22100 #60



PN 22100 #61



PN22100#82

CASE NO. 221-69

CASE NUMBER: 1999 Dodge

TYPE: Blue 1999 Dodge Car, 4dr sedan

DRIVER, MALE, 30 years old male

LOCATION: 1000 block of 10th Street, San Jose, California

INJURIES: Open head injury, minor, driving impaired
FATAL

DEATHS: 1 male - 0
1 female - 0

Died alcohol = 22 percent

